Project Title	Funding	Strategic Plan Objective	Institution
Role of neuroligins in long-term plasticity at excitatory and inhibitory synapses	$57,194	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Neurobiological correlates of language dysfunction in autism spectrum disorders	$404,389	Q2.Other	Alexian Brothers Medical Center
Neurobiological correlates of language dysfunction in autism spectrum disorders (supplement)	$8,688	Q2.Other	Alexian Brothers Medical Center
Global solutions in research and clinical practice in communication sciences and disorders (CSD)	$30,000	Other	American Speech-Language-Hearing Association
Metabolic biomarkers of autism: Predictive potential and genetic susceptibility	$380,150	Q1.L.A	Arkansas Children's Hospital Research Institute
Measuring quality adjusted life years in children with autism spectrum disorders	$441,724	Q1.L.C	Arkansas Children's Hospital Research Institute
Linking data sources from the Autism Genetic Resource Exchange (AGRE) with NDAR	$490,996	Q7.H	Autism Speaks (AS)
Clinical correlations of contiguous gene syndromes	$21,923	Q2.S.D	Baylor College of Medicine
Elucidating the roles of SHANK3 and FXR in the autism interactome	$403,492	Q2.S.D	Baylor College of Medicine
Role of excitation and inhibition in Rett syndrome	$32,922	Q2.S.D	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	$6,814	Q2.S.E	Baylor College of Medicine
The role of the Rett gene, chromosone 15Q11-Q13, other genes, and epigenetics	$18,368	Q3.L.B	Baylor College of Medicine
1/5-Elucidating the genetic architecture of autism by deep genomic sequencing	$2,000,000	Q3.S.A	Baylor College of Medicine
Folate rechallenge: A pilot study	$10,961	Q4.S.C	Baylor College of Medicine
Simons Simplex Collection	$8,592	Q7.D	Baylor College of Medicine
Plasticity in autism spectrum disorders: Magnetic stimulation studies	$14,963	Q1.L.B	Beth Israel Deaconess Medical Center
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	$303,625	Q4.S.B	Beth Israel Deaconess Medical Center
Tools for automated assessment of language	$198,687	Q1.Other	Biospeech, Inc.
Computer adaptive testing of adaptive behavior of children and youth with autism	$284,375	Q1.S.A	Boston University
Neurobehavioral research on infants at risk for SLI and autism	$710,348	Q1.S.B	Boston University Medical Campus
The neural substrates of repetitive behaviors in autism	$54,436	Q2.Other	Boston University Medical Campus
Autism: The neural substrates of language in siblings	$56,140	Q2.S.G	Boston University Medical Campus
Olivocerebellar circuitry in autism	$756,843	Q3.Other	Boston University Medical Campus
2/5-Elucidating the genetic architecture of autism by deep genomic sequencing	$2,442,659	Q3.S.A	Broad Institue, Inc.
Genetic investigation of cognitive development in autistic spectrum disorders	$184,248	Q3.L.B	Brown University

Project Title	Funding	Strategic Plan Objective	Institution
Towards an endophenotype for amygdala dysfunction	$384,145	Q2.Other	California Institute of Technology
RNA-Seq studies of gene expression in cells and networks in FI and ACC in autism	$564,301	Q2.Other	California Institute of Technology
Multiple social tasks and social adjustment	$144,875	Q1.L.B	California State University, Northridge
Using functional physiology to uncover the fundamental principles of visual cortex	$323,000	Other	Carnegie Mellon University
MRI system for neuroimaging typical and atypical cognitive and social development	$2,000,000	Q2.Other	Carnegie Mellon University
Precursors of theory of mind in young children with autism	$79,227	Q2.Other	Carnegie Mellon University
A randomized control study of relationship focused intervention with young children with ASD	$274,750	Q4.S.F	Case Western Reserve University
National Database on Autism Research (NDAR)	$1,442,000	Q7.H	Center for Information Technology
Parenting your young child with autism: A web-based tutorial	$248,373	Q4.Other	Center for Psychological Consultation
International Mental Health/Developmental Disabilities Research Training Program	$188,000	Other	Children's Hospital Boston
The development of face processing	$529,515	Q1.S.B	Children's Hospital Boston
Understanding the cognitive impact of early life epilepsy	$845,000	Q2.S.E	Children's Hospital Boston
RNA expression patterns in autism	$739,224	Q3.L.B	Children's Hospital Boston
Finding autism genes by genomic copy number analysis	$574,507	Q3.L.B	Children's Hospital Boston
Human autism genetics and activity-dependent gene activation	$2,474,114	Q3.S.A	Children's Hospital Boston
Probing disrupted cortico-thalamic interactions in autism spectrum disorders	$518,375	Q4.S.B	Children's Hospital Boston
An open resource for autism iPSCs and their derivatives	$617,911	Q2.S.C	Children's Hospital of Orange County
Electrophysiological signatures of language impairment in autism spectrum disorder (supplement)	$149,432	Q1.L.B	Children's Hospital of Philadelphia
Electrophysiological signatures of language impairment in autism spectrum disorder	$347,590	Q1.L.B	Children's Hospital of Philadelphia
The fusiform and amygdala in the pathobiology of autism	$311,951	Q2.Other	Children's Hospital of Philadelphia
2/2 Development of a screening interview for research studies of ASD	$364,291	Q1.S.A	Cincinnati Children's Hospital Medical Center
Selective disruption of hippocampal dentate granule cells in autism: Impact of PTEN deletion	$375,000	Q2.S.E	Cincinnati Children's Hospital Medical Center
Sensory processing and integration in autism	$593,677	Q2.Other	City College of New York
Cell-based genomic analysis in mouse models of Rett syndrome	$498,790	Q2.S.D	Cold Spring Harbor Laboratory

Project Title	Funding	Strategic Plan Objective	Institution
Cell type-based genomics of developmental plasticity in cortical GABA interneurons	$252,000	Q2.S.D	Cold Spring Harbor Laboratory
Determining the genetic basis of autism by high-resolution analysis of copy number	$351,639	Q3.L.B	Cold Spring Harbor Laboratory
Deep sequencing of autism candidate genes in 2000 families from the Simons Simplex Collection	$1,384,503	Q3.L.B	Cold Spring Harbor Laboratory
Cold Spring Harbor Laboratory faculty recruitment in developmental neurobiology	$719,000	Q7.K	Cold Spring Harbor Laboratory
Cognitive mechanisms of serially organized behavior	$306,785	Other	Columbia University
Distinct function of the neuroligin 3 postsynaptic adhesion complex	$37,784	Q2.Other	Columbia University
Core--Genomics/Bioinformatics--Alzheimer's disease and autism	$136,335	Q3.L.B	Columbia University
Social determinants of the autism epidemic	$805,000	Q3.L.C	Columbia University
Molecular determinants of L-type calcium channel gating	$402,500	Q4.S.B	Columbia University
Caring for caregivers: Supporting caregivers of people with autism spectrum disorder	$330,752	Q5.S.B	Danya International, Inc.
Isolation of autism susceptibility genes	$593,350	Q3.L.B	deCODE Genetics, Inc.
CPEA Data Coordinating Center (supplement)	$82,081	Other	DM-STAT, Inc.
Eyeblink in children and adolescents with autism spectrum disorders: A pilot study	$229,500	Q1.Other	Drexel University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network (supplement)	$1,111,301	Q3.L.A	Drexel University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	$2,629,511	Q3.L.A	Drexel University
Ethics of communicating scientific findings on autism risk	$25,000	Q7.E	Drexel University
Restricted and repetitive behaviors in young children with autism (supplement)	$23,131	Q2.Other	Duke University
Imaging signal transduction in single dendritic spines	$390,000	Q2.Other	Duke University
Optogenetic analysis of circuits for vocal recognition	$156,000	Q2.Other	Duke University
Neuroligin regulation of central GABAergic synapses	$78,000	Q2.S.D	Duke University
Neurogenetics of candidate systems in autism (supplement)	$23,730	Q3.L.B	Duke University
Clinical and Bioinformatics Core (supplement)	$39,796	Q3.L.B	Duke University
Molecular Analysis Core (supplement)	$17,853	Q3.L.B	Duke University
Genetic studies in autism on chromosome 7 (supplement)	$17,887	Q3.L.B	Duke University
Whole-genome sequencing for rare highly penetrant gene variants in schizophrenia	$1,671,247	Q3.S.C	Duke University

Project Title	Funding	Strategic Plan Objective	Institution
Neurogenetic model of social behavior heterogeneity in autism spectrum disorders	$821,227	Q4.S.B	Duke University
GABA(A) receptor modulation via the beta subunit	$228,787	Other	Emory University
Fundamental mechanisms of GPR56 activation and regulation	$135,625	Q2.S.D	Emory University
Identifying autism susceptibility genes by high-throughput chip resequencing	$447,043	Q3.L.B	Emory University
Epigenetic marks as peripheral biomarkers of autism	$2,198,844	Q3.S.C	Emory University
Development of genomic resources for prairie voles	$158,400	Q4.S.B	Emory University
Behavioral, physiological & neuroanatomical consequences of maternal separation	$43,907	Q4.S.B	Emory University
Behavioral and neural processing of faces and expressions in nonhuman primates	$432,400	Q4.S.B	Emory University
Neural mechanisms of social cognition and bonding	$43,907	Q4.S.B	Emory University
Characterization of the transcriptome in an emerging model for social behavior	$426,250	Q4.S.B	Emory University
Central vasopressin receptors and affiliation	$363,959	Q4.S.B	Emory University
Vasopressin receptors and social attachment	$121,500	Q4.S.B	Emory University
Central vasopressin receptors and affiliation	$32,902	Q4.S.B	Emory University
Dense mapping of candidate regions linked to autistic disorder	$5,028	Q3.L.B	Feinstein Institute for Medical Research
A model for inclusion of minorities in genetic research	$30,000	Q3.S.D	Fiesta Educativa, Inc.
Development of intermodal perception of social events: Infancy to childhood	$332,204	Q1.Other	Florida International University
Social communication phenotype of ASD in the second year	$251,746	Q1.L.A	Florida State University
Improving and streamlining screening and diagnosis of ASD at 18-24 months of age	$971,606	Q1.S.B	Florida State University
Early social communication characteristics of ASD in diverse cultures in the US and Africa	$238,233	Q1.S.B	Florida State University
Chemosensory processing in chemical communication	$287,963	Q2.Other	Florida State University
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder (supplement)	$175,000	Q4.S.D	Florida State University
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	$535,179	Q4.S.D	Florida State University
Functional MRI of attention regulation in people with and without autism	$3,452	Q2.L.A	Georgetown University
A model-based investigation of face processing in autism	$12,950	Q2.Other	Georgetown University

Project Title	Funding	Strategic Plan Objective	Institution
Neuroimaging of top-down control and bottom-up processes in childhood ASD	$403,739	Q2.Other	Georgetown University
MRI studies of cognition and sensorimotor integration	$7,770	Q2.Other	Georgetown University
The development of joint attention after infancy	$307,063	Q1.Other	Georgia State University
Research Center for the Study of Gene Structure and Function (supplement)	$299,668	Q3.L.B	Hunter College
The neural basis of social cognition	$325,651	Q2.Other	Indiana University
Pharmacotherapy of pervasive developmental disorders	$184,259	Q4.L.C	Indiana University-Purdue University Indianapolis
Targeted pharmacologic interventions for autism	$355,516	Q4.L.C	Indiana University-Purdue University Indianapolis
Novel pharmacological strategies in autism	$305,254	Q4.S.F	Indiana University-Purdue University Indianapolis
The microRNA pathway in translational regulation of neuronal development	$417,813	Q2.S.D	J. David Gladstone Institutes
Olfactory abnormalities in the modeling of Rett syndrome	$358,750	Q2.S.D	Johns Hopkins University
Environment, the perinatal epigenome, and risk for autism and related disorders	$1,509,000	Q3.S.C	Johns Hopkins University
Genome-wide environment interaction study for autism: The SEED study	$723,953	Q3.S.C	Johns Hopkins University
Psychosis and autoimmune diseases in Denmark	$148,389	Q3.S.E	Johns Hopkins University
Dynamic regulation of Shank3 and ASD	$300,000	Q4.S.B	Johns Hopkins University
Prenatal exposure to polyfluoroalkyl compounds in the EMA study	$272,062	Q3.S.F	Kaiser Foundation Research Institute
Autism: Social and communication predictors in siblings	$751,256	Q1.L.B	Kennedy Krieger Institute
Time perception and timed performance in autism	$89,871	Q2.Other	Kennedy Krieger Institute
Radiofrequency transmit and receive upgrade for 3T research scanner	$500,000	Q2.Other	Kennedy Krieger Institute
Reward system in autism	$181,125	Q2.Other	Kennedy Krieger Institute
Motor skill learning in autism	$332,646	Q2.Other	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism (supplement)	$387,624	Q4.S.F	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism	$426,589	Q4.S.F	Kennedy Krieger Institute
Theory of Mind software for autism and other communication disorders	$949,376	Q4.Other	Laureate Learning Systems, Inc.
Multimodal studies of executive function deficits in autism spectrum disorders	$48,954	Q1.L.B	Massachusetts General Hospital
The mirror neuron system in the monkey and its role in action understanding	$184,470	Q2.Other	Massachusetts General Hospital
Coherence and temporal dynamics in auditory cortex of children with autism	$88,292	Q2.Other	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Multimodal neuroimaging of white matter in autism	$472,805	Q2.S.G	Massachusetts General Hospital
Rapid characterization of balanced genomic rearrangements contributing to autism	$49,343	Q2.S.G	Massachusetts General Hospital
Genes disrupted by balanced genomic rearrangements in autism spectrum disorders	$309,604	Q3.L.B	Massachusetts General Hospital
Neural substrate of language and social cognition: Autism and typical development	$47,210	Q2.Other	Massachusetts Institute of Technology
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	$474,750	Q2.Other	Memorial Sloan-Kettering Cancer Center
Fraternal birth order effects on behavior	$171,000	Q3.Other	Michigan State University
BrainVision BrainAmp MR plus	$120,670	Q1.S.A	Mount Sinai School of Medicine
Greater New York Autism Center of Excellence - Clinical Core	$1,224	Q2.Other	Mount Sinai School of Medicine
Autistic endophenotypes and their associations to oxytocin and cholesterol	$84,055	Q2.Other	Mount Sinai School of Medicine
Neural mechanisms of attentional networks in autism	$490	Q2.Other	Mount Sinai School of Medicine
Anterior cingulate and fronto-insular related brain networks in autism	$194,745	Q2.Other	Mount Sinai School of Medicine
fMRI study of self-produced tactile stimulation in autistic adolescents	$244	Q2.Other	Mount Sinai School of Medicine
Autism Genome Project	$4,894	Q3.L.B	Mount Sinai School of Medicine
3/5-Elucidating the genetic architecture of autism by deep genomic sequencing	$571,568	Q3.S.A	Mount Sinai School of Medicine
Brain glutamate concentrations in autistic adolescents by MRS	$1,224	Q3.S.E	Mount Sinai School of Medicine
Intransal oxytocin in the treatment of autism	$2,202	Q4.L.A	Mount Sinai School of Medicine
Oxytocin vs. placebo on response inhibition and face processing in autism	$1,712	Q4.L.A	Mount Sinai School of Medicine
The effects of oxytocin on complex social cognition in autism spectrum disorders	$279,520	Q4.L.A	Mount Sinai School of Medicine
Open label risperidone in children and adolescents with autistic disorder	$244	Q4.L.C	Mount Sinai School of Medicine
Neural and behavioral outcomes of social skills groups in children with ASD	$287,798	Q4.S.F	Mount Sinai School of Medicine
Office of the Scientific Director	$4,040,811	Other	National Institutes of Health (NIH)
Growth and maturation in children with autism	$57,383	Q1.L.B	National Institutes of Health (NIH)
Clinical and behavioral phenotyping of autism and related disorders	$2,416,235	Q1.L.B	National Institutes of Health (NIH)
Functional anatomy of face processing in the primate brain	$1,678,309	Q2.Other	National Institutes of Health (NIH)

Project Title	Funding	Strategic Plan Objective	Institution
Regulation of gene expression in the brain	$2,125,882	Q2.Other	National Institutes of Health (NIH)
The cognitive neuroscience of autism spectrum disorders	$1,335,493	Q2.Other	National Institutes of Health (NIH)
Neuroimmunologic investigations of autism spectrum disorders (ASD)	$348,146	Q2.S.A	National Institutes of Health (NIH)
Gene silencing in fragile X syndrome	$312,908	Q2.S.D	National Institutes of Health (NIH)
Treatment of medical conditions among individuals with autism spectrum disorders	$535,209	Q2.S.E	National Institutes of Health (NIH)
Studies of central nervous system functional anatomy	$1,340,580	Q3.Other	National Institutes of Health (NIH)
Animal models of neuropsychiatric disorders	$1,835,912	Q4.S.B	National Institutes of Health (NIH)
Studies on protein synthesis and long-term adaptive responses in the CNS	$1,659,897	Q4.S.B	National Institutes of Health (NIH)
Treatment of autism spectrum disorders with a glutamate antagonist	$203,517	Q4.S.C	National Institutes of Health (NIH)
Identifying brain-based biomarkers for ASD & their biological subtypes	$1,206,925	Q2.Other	New York State Psychiatric Institute
Prenatal factors and risk of autism in a Finnish national birth cohort	$840,697	Q3.S.C	New York State Psychiatric Institute
Translation regulation in hippocampal LTP and LTD	$375,817	Q2.S.D	New York University
Synaptic plasticity, memory and social behavior	$50,054	Q4.S.B	New York University
Connectivity of anterior cingulate cortex networks in autism	$265,044	Q2.Other	New York University School of Medicine
Neural dissection of hyperactivity/inattention in autism	$1,179,863	Q2.S.E	New York University School of Medicine
Molecular components of A-type K+ channels	$352,538	Q2.S.E	New York University School of Medicine
Expressive and receptive prosody in autism	$559,970	Q1.Other	Oregon Health and Science University
Expressive crossmodal affect integration in autism	$230,998	Q1.Other	Oregon Health and Science University
Computational tools to analyze SNP data from patients with mental illness	$243,011	Q3.L.B	Partek, Inc.
Evaluation and treatment of copper/zinc imbalance in children with autism	$7,395	Q2.S.A	Penn State Milton S. Hershey Medical Center
Behavioral intervention in autism: Practitioner skills	$527,107	Q5.L.A	Praxis, Inc.
Multisensory integration of faces and voices in the primate temporal lobe	$335,983	Q2.Other	Princeton University
The development of object representation in infancy	$248,095	Q2.Other	Regents of University of California
Randomized controlled trial of the P.L.A.Y. Project intervention for autism	$553,924	Q4.Other	Richard Solomon, MD, PLC
Behavioral and genetic biomarker development for autism and related disorders	$499,543	Q3.L.B	Rutgers, The State University of New Jersey - New Brunswick

Project Title	Funding	Strategic Plan Objective	Institution
Identification and functional assessment of autism susceptibility genes	$478,257	Q3.L.B	Rutgers, The State University of New Jersey - New Brunswick
Linking local activity and functional connectivity in autism	$388,825	Q2.Other	San Diego State University
Autism iPSCs for studying function and dysfunction in human neural development	$317,520	Q2.S.D	Scripps Research Institute
Design & synthesis of novel CNS-active oxytocin and vasopressin receptor ligands	$584,206	Q4.Other	Scripps Research Institute
Development of mGluR5 antagonists to treat fragile X syndrome and autism	$1,048,100	Q4.Other	Seaside Therapeutics, LLC
Treatment as usual and peer engagement in teens with high functioning autism	$397,852	Q4.S.F	Seattle Children's Hospital
Development of face perception and recognition (supplement)	$68,253	Q1.Other	Stanford University
Regulation of activity-dependent ProSAP2 synaptic dynamics	$41,176	Q2.Other	Stanford University
Structural brain differences between autistic and typically-developing siblings	$12,030	Q2.Other	Stanford University
Cortical complexity in children with autism, unaffected siblings, and controls	$79,000	Q2.Other	Stanford University
Maternal inflammation alters fetal brain development via tumor necrosis factor-alpha	$12,928	Q2.S.A	Stanford University
Augmentation of the cholinergic system in fragile X syndrome: A double-blind placebo-controlled randomized study of donepezil	$240,000	Q2.S.D	Stanford University
Synaptic analysis of neuroligin 1 function	$50,054	Q2.S.D	Stanford University
White matter connections of the face processing network in children and adults	$41,176	Q2.S.D	Stanford University
Using induced pluripotent stem cells to identify cellular phenotypes of autism	$800,000	Q2.S.G	Stanford University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	$258,420	Q2.S.G	Stanford University
A neuroimaging study of twin pairs with autism	$626,552	Q2.S.G	Stanford University
A systematic test of the relation of ASD heterogeneity to synaptic function	$898,037	Q2.S.G	Stanford University
Role of L-type calcium channels in hippocampal neuronal network activity	$32,191	Q4.S.B	Stanford University
CRCNS: Ontology-based multi-scale integration of the autism phenome	$345,180	Q7.C	Stanford University
Comprehensive collection, charting, and communication system	$249,940	Other	Symtrend, Inc.
Portable guidance in autism spectrum disorder	$282,025	Q1.Other	SymTrend, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Patient iPS cells with copy number variations to model neuropsychiatric disorders	$210,546	Q2.S.G	The Hospital for Sick Children
2/3-Atomoxetine placebo and parent training in autism	$358,106	Q4.S.F	The Ohio State University
The development and redevelopment of lexical and sublexical representations	$380,273	Q2.Other	The Research Foundation of the State University of New York
Identification and functional assessment of autism susceptibility genes	$262,704	Q3.L.B	The Research Institute at Nationwide Children's Hospital
Serotonin, autism, and investigating cell types for CNS disorders	$90,000	Q4.S.B	The Rockefeller University
Social and affective components of communication	$152,186	Q2.Other	The Salk Institute for Biological Studies
Physiological and behavioral characterization of sensory dysfunction in autism	$77,250	Q2.Other	Thomas Jefferson University
The creation of ASDRA (Autism Spectrum Disorder Risk Alert)	$968,717	Q1.S.A	Tiranoff Productions, LLC
Improving accuracy and accessibility of early autism screening	$318,946	Q1.S.A	Total Child Health, Inc.
Novel, subtype selective potentiators of nicotinic acetycholine receptors	$335,231	Other	University of Alaska Fairbanks
Autism and the development of relational awareness	$618,557	Q4.Other	University of British Columbia
Infants at risk of autism: A longitudinal study (supplement)	$1,022,289	Q1.L.A	University of California, Davis
Infants at risk of autism: A longitudinal study	$583,831	Q1.L.A	University of California, Davis
Cellular structure of the amygdala in autism	$45,218	Q1.L.B	University of California, Davis
Analyses of brain structure and connectivity in young children with autism	$90,000	Q1.L.B	University of California, Davis
Visual processing and later cognitive effects in infants with fragile X syndrome	$249,794	Q1.Other	University of California, Davis
Interdisciplinary investigation of biological signatures of autism subtypes	$1,429,402	Q2.L.A	University of California, Davis
The role of the amygdala in autism	$152,144	Q2.Other	University of California, Davis
Anatomy of primate amygdaloid complex	$106,669	Q2.Other	University of California, Davis
Cognitive control in autism	$146,960	Q2.Other	University of California, Davis
Primate models of autism	$724,953	Q2.S.A	University of California, Davis
Project 2: Immunological susceptibility of autism	$136,181	Q2.S.A	University of California, Davis
Genetics and physiology of social anxiety in fragile X	$160,398	Q2.S.D	University of California, Davis
Epigenetic etiologies of autism spectrum disorders	$344,947	Q3.L.B	University of California, Davis
Gene expression and immune cell function in mothers of children with autism	$267,750	Q3.L.C	University of California, Davis
Project 1: Environmental epidemiology of autism	$213,876	Q3.L.C	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Maternal immune activation, cytokines, and the pathogenesis of autism	$378,570	Q3.L.C	University of California, Davis
The role of MECP2 in Rett syndrome (supplement)	$34,417	Q3.Other	University of California, Davis
The role of MECP2 in Rett syndrome	$308,949	Q3.Other	University of California, Davis
Epigenetic interaction of MECP2 and organic pollutants in neurodevelopment (supplement)	$67,208	Q3.Other	University of California, Davis
Epigenetic interaction of MECP2 and organic pollutants in neurodevelopment	$432,523	Q3.Other	University of California, Davis
Project 3: Neurodevelopmental toxicology of autism	$136,181	Q3.Other	University of California, Davis
Core E: Statistical Analysis Core	$15,567	Q3.Other	University of California, Davis
Core D: Molecular Genomics Core	$57,649	Q3.Other	University of California, Davis
Genotype-phenotype relationships in fragile X families	$541,900	Q3.Other	University of California, Davis
Core C: Analytical Core	$97,270	Q3.Other	University of California, Davis
Core B: Outreach and Translation	$84,728	Q3.Other	University of California, Davis
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment	$1,015,021	Q3.S.C	University of California, Davis
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment (supplement)	$405,700	Q3.S.F	University of California, Davis
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment (supplement)	$1,212,792	Q3.S.F	University of California, Davis
Pharmacogenomics in autism treatment	$121,239	Q4.L.C	University of California, Davis
Pharmacogenomics in autism treatment	$83,961	Q4.L.C	University of California, Davis
Virtual reality and augmented social training for autism	$205,812	Q4.Other	University of California, Davis
Initial investigation of prevention of ASD in infants at risk	$263,510	Q4.Other	University of California, Davis
A non-human primate autism model based on maternal immune activation	$106,670	Q4.S.B	University of California, Davis
Primate models of autism	$106,671	Q4.S.B	University of California, Davis
ACE Network: A multi-site randomized study of intensive treatment for toddlers with autism	$2,968,118	Q4.S.D	University of California, Davis
Interdisciplinary training for autism researchers	$342,831	Q7.K	University of California, Davis
International Meeting for Autism Research (IMFAR)	$48,550	Q7.K	University of California, Davis
Integrative functions of the planum temporale	$452,524	Q2.Other	University of California, Irvine
A mitochondrial etiology of autism	$597,884	Q2.S.A	University of California, Irvine
BDNF and the restoration of spine plasticity with autism spectrum disorders	$571,019	Q2.S.D	University of California, Irvine
Reward systems in children with autism	$29,840	Q1.L.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: The development of the siblings of children with autism: A longitudinal study (supplement)	$55,372	Q1.Other	University of California, Los Angeles
ACE Center: The Diagnostic and Assessment Core (supplement)	$51,580	Q1.Other	University of California, Los Angeles
ACE Center: The Diagnostic and Assessment Core	$309,135	Q1.Other	University of California, Los Angeles
ACE Center: The development of the siblings of children with autism: A longitudinal study	$331,863	Q1.Other	University of California, Los Angeles
Cerebral asymmetry and language in autism	$6,798	Q2.L.B	University of California, Los Angeles
Language and social communication in autism	$6,798	Q2.L.B	University of California, Los Angeles
Neuroimaging and symptom domains in autism	$6,798	Q2.L.B	University of California, Los Angeles
Language and social communication in autism	$3,406	Q2.L.B	University of California, Los Angeles
Neuroimaging of autism spectrum disorders	$6,798	Q2.L.B	University of California, Los Angeles
ACE Center: The Imaging Core (supplement)	$54,458	Q2.Other	University of California, Los Angeles
ACE Center: The Imaging Core	$326,381	Q2.Other	University of California, Los Angeles
ACE Center: Mirror neuron and reward circuitry in autism (supplement)	$51,364	Q2.Other	University of California, Los Angeles
ACE Center: Mirror neuron and reward circuitry in autism	$307,838	Q2.Other	University of California, Los Angeles
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	$139,471	Q2.Other	University of California, Los Angeles
Elucidation of the developmental role of JAKMIP1, an autism-susceptibility gene	$30,418	Q2.S.D	University of California, Los Angeles
TrkB agonist(s), a potential therapy for autism spectrum disorders	$269,500	Q2.S.D	University of California, Los Angeles
Basal ganglia circuitry and molecules in pathogenesis of motor stereotypy	$419,799	Q3.L.B	University of California, Los Angeles
ACE Network: A comprehensive approach to identification of autism susceptibility genes	$2,895,517	Q3.L.B	University of California, Los Angeles
ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition (supplement)	$55,592	Q3.Other	University of California, Los Angeles
ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition	$333,180	Q3.Other	University of California, Los Angeles
Neural and phenotypic correlates of autism risk genes	$545,057	Q3.S.A	University of California, Los Angeles
ACE Center: Understanding repetitive behavior in autism (supplement)	$55,094	Q4.L.A	University of California, Los Angeles
ACE Center: Understanding repetitive behavior in autism	$330,198	Q4.L.A	University of California, Los Angeles
CNTNAP2 in a behavioral model of autism	$265,450	Q4.S.B	University of California, Los Angeles
Neurogenomics in a model for procedural learning	$31,848	Q4.S.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
1/3-Multisite RCT of early intervention for spoken communication in autism	$545,574	Q4.S.F	University of California, Los Angeles
1/3 CBT for anxiety disorders in autism: Adapting treatment for adolescents	$221,667	Q4.S.F	University of California, Los Angeles
ACE Center: Optimizing social and communication outcomes for toddlers with autism (supplement)	$49,704	Q4.S.F	University of California, Los Angeles
ACE Center: Optimizing social and communication outcomes for toddlers with autism	$297,894	Q4.S.F	University of California, Los Angeles
Providing core support for Jr. faculty for translational research in ASD	$658,591	Q7.K	University of California, Los Angeles
Neocortical regionalization: Analysis of genetic and epigenetic influences	$75,000	Q2.Other	University of California, Riverside
ACE Center: Clinical Phenotype: Recruitment and Assessment Core	$393,095	Q1.L.A	University of California, San Diego
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up Approach	$261,462	Q1.L.A	University of California, San Diego
ACE Center: MRI studies of early brain development in autism	$365,830	Q1.L.A	University of California, San Diego
Development of neural pathways in infants at risk for autism spectrum disorders	$328,313	Q1.L.A	University of California, San Diego
ACE Center: Administrative Core	$34,477	Q1.L.A	University of California, San Diego
ACE Center: Integrated Biostatistical and Bioinformatic Analysis Core (IBBAC)	$202,457	Q1.L.A	University of California, San Diego
fMRI studies of neural dysfunction in autistic toddlers	$614,468	Q2.Other	University of California, San Diego
Imaging brain and movement in ASD	$270,296	Q2.Other	University of California, San Diego
Development of the functional neural systems for face expertise	$524,017	Q2.Other	University of California, San Diego
ACE Center: Imaging the autistic brain before it knows it has autism	$206,916	Q2.Other	University of California, San Diego
High content screens of neuronal development for autism research	$207,931	Q2.S.D	University of California, San Diego
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	$371,478	Q3.Other	University of California, San Diego
ACE Center: Imaging autism biomarkers + risk genes	$201,934	Q3.Other	University of California, San Diego
A systems biology approach to unravel the underlying functional modules of ASD	$663,063	Q3.S.A	University of California, San Diego
Sensorimotor learning of facial expressions: A novel intervention for autism	$497,336	Q4.Other	University of California, San Diego
ACE Center: Clinical Phenotype: Treatment Response Core	$205,498	Q4.Other	University of California, San Diego

Project Title	Funding	Strategic Plan Objective	Institution
Translating autism intervention for mental health services via knowledge exchange	$169,101	Q5.L.A	University of California, San Diego
Autism in the second half of the lifespan: Behavior, daily living, service needs	$270,312	Q5.Other	University of California, San Diego
Magnetic source imaging and sensory behavioral characterization in autism	$176,201	Q1.L.B	University of California, San Francisco
Neocortical mechanisms of categorical speech perception	$132,214	Q1.L.C	University of California, San Francisco
A sex-specific dissection of autism genetics	$270,375	Q2.S.B	University of California, San Francisco
Autism-specific mutation in DACT1: Impact on brain development in a mouse model	$193,125	Q2.S.G	University of California, San Francisco
Dissecting the neural control of social attachment	$772,500	Q4.S.B	University of California, San Francisco
Child-initiated communicative interactions and autism intervention	$322,692	Q1.L.B	University of California, Santa Barbara
Asperger's syndrome: Diagnosis, interpretation and impact	$34,360	Q1.L.C	University of Chicago
Mechanisms for 5-HTT control of PPI and perseverative behavior using mouse models	$345,375	Q2.S.G	University of Chicago
Large-scale discovery of scientific hypotheses; Computation over expert opinions	$603,044	Q3.Other	University of Chicago
Emotional mimicry in children with autism	$48,647	Q1.L.B	University of Colorado Denver
Investigation of DUF1220 domains in human brain function and disease	$367,008	Q3.Other	University of Colorado Denver
Training outpatient clinicians to deliver cognitive behavior therapy to children	$212,376	Q4.S.C	University of Colorado Denver
Language development and outcome in children with autism	$325,125	Q1.L.A	University of Connecticut
Language development and outcome in children with autism (supplement)	$299,918	Q1.L.A	University of Connecticut
Early detection of pervasive developmental disorders	$1,067,234	Q1.S.A	University of Connecticut
Early detection of pervasive developmental disorders (supplement)	$193,155	Q1.S.A	University of Connecticut
Language functioning in optimal outcome children with a history of autism	$457,153	Q2.L.B	University of Connecticut
Robot-child interactions as an intervention tool for children with autism	$204,403	Q4.Other	University of Connecticut
Genetic dissection of restricted repetitive behavior (RRB)	$8,291	Q3.L.B	University of Florida
Genetic dissection of restricted repetitive behavior (RRB)	$180,254	Q3.Other	University of Florida
Genetic study of restricted repetitive behavior in autism spectrum disorders	$72,856	Q3.S.A	University of Florida

Project Title	Funding	Strategic Plan Objective	Institution
The genetic control of social behavior in the mouse	$346,000	Q4.S.B	University of Hawai'i at Manoa
Sibling-mediated social communicative intervention for children with autism spectrum disorder	$71,700	Q4.Other	University of Idaho
ACE Center: Data and Statistics Core	$377,577	Other	University of Illinois at Chicago
ACE Center: Assessment Core	$377,572	Q1.Other	University of Illinois at Chicago
ACE Center: Cognitive affective and neurochemical processes underlying IS in autism	$377,577	Q2.Other	University of Illinois at Chicago
Autism: Neuropeptide hormones and potential pathway genes	$185,897	Q2.S.G	University of Illinois at Chicago
ACE Center: Genetics of serotonin in autism: Neurochemical and clinical	$377,577	Q3.Other	University of Illinois at Chicago
ACE Center: The pharmacogenetics of treatment for insistence on sameness in autism	$377,577	Q4.L.A	University of Illinois at Chicago
Behavioral treatment for autism in community settings using a telehealth network	$374,649	Q5.L.A	University of Iowa
Pupil size and circadian salivary variations in autism spectrum disorder	$70,138	Q1.L.A	University of Kansas
Communication success and AAC: A model of symbol acquisition	$347,412	Q4.S.C	University of Kansas
Communication success and AAC: A model of symbol acquisition (supplement)	$174,060	Q4.S.C	University of Kansas
Autism: Role of oxytocin	$6,505	Q2.S.A	University of Kansas Medical Center
Upgrade to multiuser 3T magnetic resonance imager	$500,000	Q2.Other	University of Kentucky
Functional neuroanatomy of developmental changes in face processing	$302,360	Q2.Other	University of Kentucky
Functional neuroanatomy of developmental changes in face processing (supplement)	$7,712	Q2.Other	University of Kentucky
A comparative developmental connectivity study of face processing	$267,046	Q4.S.B	University of Kentucky
Randomized study of training in autism	$499,999	Q5.S.A	University of Kentucky
Gross morphological correlates to the minicolumnopathy of autism	$287,554	Q2.Other	University of Louisville
Building a selective inhibitory control tone in autism: An rTMS study	$222,000	Q4.Other	University of Louisville
The neural basis of sexually dimorphic brain function	$349,395	Q2.S.B	University of Massachusetts Amherst
Using CBPR to design & pilot a physical activity program for youth with ASD	$213,706	Other	University of Massachusetts Medical School
Multimodal analyses of face processing in autism and Down syndrome	$155,270	Q1.Other	University of Massachusetts Medical School

Project Title	Funding	Strategic Plan Objective	Institution
Behavioral and sensory evaluation of auditory discrimination in autism	$150,220	Q2.Other	University of Massachusetts Medical School
Chromatin alterations in Rett syndrome	$271,798	Q2.S.D	University of Massachusetts Medical School
Guiding visual attention to enhance discrimination learning	$145,437	Q4.Other	University of Massachusetts Medical School
Stimulus structure enhancement of visual symbol detection in AAC	$150,714	Q4.Other	University of Massachusetts Medical School
Identification and functional assessment of autism susceptibility genes	$486,498	Q3.L.B	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
A mouse knock-in model for ENGRAILED 2 autism susceptibility	$152,667	Q4.S.B	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Cerebellar modulation of frontal cortical function	$347,643	Q2.Other	University of Memphis
Emotion, communication, & EEG: Development & risk	$298,154	Q1.L.B	University of Miami
Motivation, self-monitoring, and family process in autism	$304,247	Q2.Other	University of Miami
3/3 CBT for anxiety disorders in autism: Adapting treatment for adolescents	$31,331	Q4.S.F	University of Miami
Molecular and genetic epidemiology of autism	$1,211,372	Q3.L.B	University of Miami Miller School of Medicine
Neural mechanisms underlying obsessive compulsiveness in ASD	$32,236	Q1.L.B	University of Michigan
Development of a brief screener for research in autism spectrum disorders	$498,777	Q1.S.A	University of Michigan
1/2 Development of a screening interview for research studies of ASD	$617,084	Q1.S.A	University of Michigan
MRI measures of neural connectivity in Asperger's disorder	$208,337	Q2.Other	University of Michigan
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder (supplement)	$175,000	Q4.S.D	University of Michigan
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	$919,021	Q4.S.D	University of Michigan
Longitudinal studies of autism spectrum disorders: 2 to 23	$492,935	Q6.L.B	University of Michigan
GABAergic dysfunction in autism (supplement)	$63,950	Q2.Other	University of Minnesota
GABAergic dysfunction in autism	$294,344	Q2.Other	University of Minnesota
Serotonin, corpus callosum, and autism	$303,250	Q4.S.B	University of Mississippi Medical Center
Validation study of atypical dynamic pupillary light reflex as a biomarker for autism	$204,525	Q1.L.A	University of Missouri
Characterization of the mirror neuron system in 3-9 month old infants using the BabySQUID imaging system	$4,748	Q2.Other	University of New Mexico
Behavioral Measurement Core	$512,058	Other	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Administrative Core	$512,062	Other	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism	$3,317,464	Q1.L.A	University of North Carolina at Chapel Hill
Sensory experiences in children with autism (supplement)	$315,122	Q1.Other	University of North Carolina at Chapel Hill
Sensory experiences in children with autism	$486,700	Q1.Other	University of North Carolina at Chapel Hill
Emotion-modulated psychophysiology of autism spectrum disorders	$258,981	Q1.Other	University of North Carolina at Chapel Hill
Pragmatic skills of young males and females with fragile X syndrome	$517,519	Q2.L.A	University of North Carolina at Chapel Hill
Functional neuroimaging of psychopharmacologic intervention for autism	$155,901	Q2.L.B	University of North Carolina at Chapel Hill
Wiring the brain: From genetic to neuronal networks	$13,000	Q2.Other	University of North Carolina at Chapel Hill
An investigation of neuropsychological endophenotypes in autism and fragile X	$73,938	Q2.S.D	University of North Carolina at Chapel Hill
Regulation of 22q11 genes in embryonic and adult forebrain	$305,105	Q2.S.D	University of North Carolina at Chapel Hill
A longitudinal MRI study of brain development in fragile X syndrome	$622,099	Q2.S.D	University of North Carolina at Chapel Hill
Sex differences in early brain development: Brain development in Turner syndrome	$150,049	Q2.S.D	University of North Carolina at Chapel Hill
Neural circuitry of social cognition in the broad autism phenotype	$562,311	Q2.S.G	University of North Carolina at Chapel Hill
A molecular genetic study of autism and related phenotypes in extended pedigrees	$483,824	Q3.L.B	University of North Carolina at Chapel Hill
Allosteric potentiators of the oxytocin system for the control of social motivation	$25,000	Q3.Other	University of North Carolina at Chapel Hill
Characterization of a novel mouse model of restricted repetitive behaviors	$184,844	Q4.S.B	University of North Carolina at Chapel Hill
Understanding the delay in the diagnosis of autism	$139,072	Q1.S.C	University of Pennsylvania
High-resolution diffusion tensor imaging in mouse models relevant to autism	$253,735	Q2.Other	University of Pennsylvania
4/5-Elucidating the genetic architecture of autism by deep genomic sequencing	$482,846	Q3.S.A	University of Pennsylvania
The impact of classroom climate on autism intervention fidelity and outcomes	$41,176	Q4.Other	University of Pennsylvania
Neurobiology of sociability in a mouse model system relevant to autism (supplement)	$175,927	Q4.S.B	University of Pennsylvania
Neurobiology of sociability in a mouse model system relevant to autism	$354,375	Q4.S.B	University of Pennsylvania

Project Title	Funding	Strategic Plan Objective	Institution
A randomized trial of the STAR program for children with autism spectrum disorder	$651,214	Q5.L.A	University of Pennsylvania
Interstate variation in healthcare utilization among children with ASD	$547,471	Q5.Other	University of Pennsylvania
Interstate variation in healthcare utilization among children with ASD (supplement)	$171,947	Q5.Other	University of Pennsylvania
Developing a community-based ASD research registry	$500,000	Q7.Other	University of Pennsylvania/Children's Hospital of Philadelphia
ACE Center: Subject Assessment and Recruitment Core (supplement)	$192,177	Other	University of Pittsburgh
ACE Center: Subject Assessment and Recruitment Core	$907,560	Other	University of Pittsburgh
Early identification of autism: A prospective study	$566,827	Q1.L.A	University of Pittsburgh
Development of ventral stream organization	$131,870	Q2.L.B	University of Pittsburgh
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways (supplement)	$2	Q2.Other	University of Pittsburgh
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways	$12	Q2.Other	University of Pittsburgh
ACE Center: Development of categorization, facial knowledge in low & high functioning autism	$386,379	Q2.Other	University of Pittsburgh
ACE Center: Development of categorization, facial knowledge in low & high functioning autism (supplement)	$81,816	Q2.Other	University of Pittsburgh
ACE Center: Systems connectivity + brain activation: Imaging studies of language + perception (supplement)	$94,022	Q2.Other	University of Pittsburgh
ACE Center: Systems connectivity + brain activation: Imaging studies of language + perception	$444,021	Q2.Other	University of Pittsburgh
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion (supplement)	$32,703	Q2.Other	University of Pittsburgh
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion	$154,445	Q2.Other	University of Pittsburgh
Adapting cognitive enhancement therapy for ASD	$194,096	Q4.Other	University of Pittsburgh
1/3-Atomoxetine placebo and parent training in autism	$272,698	Q4.S.F	University of Pittsburgh
Engrailed and the control of synaptic circuitry in Drosophila	$112,500	Q2.Other	University of Puerto Rico Medical Sciences Campus
Taste, smell, and feeding behavior in autism: A quantitative traits study (supplement)	$151,884	Q2.Other	University of Rochester
Taste, smell, and feeding behavior in autism: A quantitative traits study	$592,498	Q2.Other	University of Rochester
Multisensory integration and temporal synchrony in autism	$34,176	Q2.Other	University of Rochester
Autism in a fish eating population	$172,491	Q3.S.F	University of Rochester

Project Title	Funding	Strategic Plan Objective	Institution
2/3-Multisite RCT of early intervention for spoken communication in autism	$374,423	Q4.S.F	University of Rochester
3/3-Atomoxetine placebo and parent training in autism	$277,200	Q4.S.F	University of Rochester
Neural basis for the production and perception of prosody	$81,500	Q2.Other	University of Southern California
Function and structure adaptations in forebrain development	$568,834	Q2.Other	University of Southern California
Neurodevelopmental mechanisms of social behavior	$607,379	Q2.Other	University of Southern California
Center for Genomic and Phenomic Studies in Autism	$1,482,665	Q3.L.B	University of Southern California
The MET signaling system, autism and gastrointestinal dysfunction	$292,923	Q3.Other	University of Southern California
A model for inclusion of minorities in genetic research (supplement)	$32,846	Q3.S.D	University of Southern California
A model for inclusion of minorities in genetic research	$40,981	Q3.S.D	University of Southern California
Investigating gene-environment interaction in autism: Air pollution X Genetics	$297,117	Q3.S.F	University of Southern California
Autism in urban context: Linking heterogeneity with health and service disparities	$634,898	Q5.L.A	University of Southern California
Autism Research Program	$688,500	Q7.K	University of Southern California
Disseminating scientific information on autism to the Latino community	$500,000	Q7.Other	University of Southern California
2/3 CBT for anxiety disorders in autism: Adapting treatment for adolescents	$186,823	Q4.S.F	University of South Florida
Proteomics in Drosophila to identify autism candidate substrates of UBE3A	$319,550	Q2.S.D	University of Tennessee Health Science Center
Proteomics in Drosophila to identify autism candidate substrates of UBE3A (supplement)	$10,000	Q2.S.D	University of Tennessee Health Science Center
Cerebellar anatomic and functional connectivity in autism spectrum disorders	$251,419	Q2.Other	University of Texas at Austin
Mouse models of the neuropathology of tuberous sclerosis complex	$258,344	Q2.S.D	University of Texas Health Science Center at Houston
Epidemiological research on autism in Jamaica	$146,500	Q3.L.D	University of Texas Health Science Center at Houston
ADHD symptoms in autism: Cognition, behavior, treatment	$271,086	Q4.L.C	University of Texas Health Science Center at Houston
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome (supplement)	$47,848	Q2.S.D	University of Texas Southwestern Medical Center
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	$293,198	Q2.S.D	University of Texas Southwestern Medical Center
Neurological diseases due to inborn errors of metabolism	$17,838	Q2.S.E	University of Texas Southwestern Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Neuroligin function in vivo: Implications for autism and mental retardation	$392,500	Q2.S.G	University of Texas Southwestern Medical Center
Novel genetic animal models of autism	$274,750	Q4.S.B	University of Texas Southwestern Medical Center
Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study	$503,378	Q2.Other	University of Utah
The microstructural basis of abnormal connectivity in autism	$348,980	Q2.Other	University of Utah
Longitudinal neurodevelopment of auditory and language cortex in autism	$27,318	Q2.Other	University of Utah
Genetics of autism intermediate phenotypes	$448,943	Q3.L.B	University of Utah
Sex chromosomes, epigenetics, and neurobehavioral disease	$374,036	Q2.S.B	University of Virginia
ACE Center: Data Management/Statistical Core	$28	Other	University of Washington
Memory for visual material	$208,711	Other	University of Washington
ACE Center: Linguistic and social responses to speech in infants at risk for autism	$308,398	Q1.L.A	University of Washington
A longitudinal 3-D MRSI study of infants at high risk for autism	$225,553	Q1.L.A	University of Washington
ACE Center: Early detection and intervention in infants at risk for autism	$627,746	Q1.L.B	University of Washington
Neural correlates of eye gaze processing in fragile X syndrome and autism spectrum disorders	$78,000	Q1.Other	University of Washington
Genomic identification of autism loci	$1,139,256	Q1.S.B	University of Washington
Multimodal brain imaging in autism spectrum disorders	$165,397	Q2.Other	University of Washington
ACE Center: Structural and chemical brain imaging of autism	$521,038	Q2.S.E	University of Washington
ACE Center: Genetic contributions to endophenotypes of autism	$576,375	Q3.L.B	University of Washington
Synaptic processing in the basal ganglia	$392,444	Q3.Other	University of Washington
ACE Center: Risk and protective factors in the development of associated symptoms in autism	$171,867	Q4.S.F	University of Washington
Amygdala structure and biochemistry in adolescents with autism	$27,618	Q1.L.B	University of Wisconsin - Madison
Early language development within the autism spectrum	$505,018	Q1.Other	University of Wisconsin - Madison
Social-affective bases of word learning in fragile X syndrome and autism	$552,090	Q1.Other	University of Wisconsin - Madison
Impacts of parenting adolescents & adults with autism	$496,331	Q2.L.A	University of Wisconsin - Madison
Steroid receptors and brain sex differences	$301,301	Q2.S.B	University of Wisconsin - Madison

Project Title	Funding	Strategic Plan Objective	Institution
Face processing and brain function associated with autistic symptoms in fragile X	$73,500	Q2.S.D	University of Wisconsin - Madison
Interdisciplinary training conference in developmental disabilities	$20,000	Q7.K	University of Wisconsin - Madison
Core E: Participant Recruitment & Assessment Services	$281,311	Other	Vanderbilt University
Core A: Administrative Services (supplement)	$22,897	Other	Vanderbilt University
Core A: Administrative Services	$248,162	Other	Vanderbilt University
Core E: Participant Recruitment & Assessment Services (supplement)	$25,956	Other	Vanderbilt University
Predicting outcome at age 5 of younger siblings of children with ASD	$40,866	Q1.L.A	Vanderbilt University
Predicting useful speech in children with autism (supplement)	$59,553	Q1.L.B	Vanderbilt University
Predicting useful speech in children with autism	$689,435	Q1.L.B	Vanderbilt University
Social-emotional development of infants at risk for autism spectrum disorders	$606,646	Q1.Other	Vanderbilt University
Murine genetic models of autism	$172,390	Q2.Other	Vanderbilt University
Genetic and developmental analyses of fragile X syndrome	$532,205	Q2.S.D	Vanderbilt University
Regulation of MET expression in autism disorder and forebrain ontogeny	$25,800	Q2.S.G	Vanderbilt University
Unraveling the genetic etiology of autism	$491,266	Q3.L.B	Vanderbilt University
5/5-Elucidating the genetic architecture of autism by deep genomic sequencing	$2,478,799	Q3.S.A	Vanderbilt University
Melatonin for sleep in children with autism: Safety, tolerability, and dosing	$345,401	Q4.S.A	Vanderbilt University
Transgenic mouse model to address heterogeneity in autism spectrum disorders	$454,745	Q4.S.B	Vanderbilt University
Evaluation of sensory integration treatment in ASD	$336,344	Q4.S.C	Vanderbilt University
Conventional vs. mindfulness intervention in parents of children with disabilities	$498,782	Q5.Other	Vanderbilt University
Melatonin for sleep in children with autism: Safety, tolerability, and dosing (supplement)	$140,616	Q4.S.A	Vanderbilt University Medical Center
A cognitive-behavioral intervention for children with autism spectrum disorders	$134,668	Q4.Other	Virginia Polytechnic Institute and State University
JobTips: An employment preparation program for adolescents and young adults with ASD	$499,965	Q6.L.A	Virtual Reality Aids, Inc.
Autistic traits: Life course & genetic structure	$573,470	Q1.Other	Washington University in St. Louis
Molecular mechanisms regulating synaptic strength (supplement)	$32,258	Q2.Other	Washington University in St. Louis

Project Title	Funding	Strategic Plan Objective	Institution
Molecular mechanisms regulating synaptic strength	$299,250	Q2.Other	Washington University in St. Louis
Neurobiology of affective prosody perception in autism	$190,000	Q2.Other	Washington University in St. Louis
Behavioral pilot for an imaging study of social attention deficits in autism	$205,200	Q2.Other	Washington University in St. Louis
The intersection of autism and ADHD	$155,319	Q4.S.F	Washington University in St. Louis
Service transitions among youth with autism spectrum disorders	$225,355	Q6.L.B	Washington University in St. Louis
Pediatric Pharmacology Research Unit	$243,183	Other	Wayne State University
Structural and functional neural correlates of early postnatal deprivation	$148,768	Q3.Other	Wayne State University
ACE Network: Early pharmacotherapy guided by biomarkers in autism	$100,000	Q4.S.F	Wayne State University
Nonlinguistic vocalizations in autism: Acoustic cry analysis in early infancy	$74,200	Q1.L.A	Women and Infants Hospital of Rhode Island
Early detection of autism through acoustic analysis of cry	$257,066	Q1.Other	Women and Infants Hospital of Rhode Island
Pre- and postnatal neurobehavioral profiles in infants at risk for autism	$74,200	Q1.Other	Women and Infants Hospital of Rhode Island
Statistics and Research Design Core	$286,888	Other	Yale University
ACE Center: Assessment Core	$568,028	Q1.L.A	Yale University
The ontogeny of social visual engagement in infants at risk for autism	$584,587	Q1.L.A	Yale University
Prospective study of infants at high risk for autism	$286,887	Q1.L.A	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	$307,065	Q1.L.A	Yale University
ACE Center: Data Management and Analysis Core	$202,737	Q1.L.A	Yale University
ACE Center: Eye-tracking studies of social engagement	$307,211	Q1.L.B	Yale University
Performance indices of social disability in toddlers with autism	$497,995	Q1.L.B	Yale University
Perception of social and physical contingencies in infants with ASD	$413,750	Q1.L.B	Yale University
Perceptual factors affecting social attention in autism spectrum disorders	$82,750	Q1.L.B	Yale University
Integrated function/structure image analysis in autism	$339,441	Q1.L.B	Yale University
Social evaluation in infants and toddlers	$413,750	Q1.L.B	Yale University
Developmental processes, trajectories, and outcomes in autism	$286,887	Q1.Other	Yale University
ACE Center: Auditory mechanisms of social engagement	$275,966	Q1.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Studies of social communication in speakers with autism spectrum disorder	$286,883	Q1.Other	Yale University
ACE Center: Administrative Core	$147,818	Q2.L.B	Yale University
ACE Center: Neuroimaging studies of connectivity in ASD	$337,540	Q2.Other	Yale University
Morphogenesis and function of the cerebral cortex	$399,013	Q2.Other	Yale University
Slick and slack heteromers in neuronal excitability	$53,354	Q2.Other	Yale University
Cellular and genetic correlates of increased head size in autism spectrum disorder	$203,943	Q2.S.G	Yale University
Genetic epidemiology of autism spectrum disorders	$178,175	Q3.Other	Yale University
ACE Center: Rare variant genetics, contactin-related proteins and autism	$334,236	Q3.Other	Yale University
Genomic profiling and functional mutation analysis in autism spectrum disorders	$1,183,908	Q3.S.A	Yale University
Biological correlates of altered brain growth in autism	$1,011,793	Q3.S.A	Yale University